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Subject: To Mr. Suhail Khan, examiner

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Application/Control Number 10/710,379	Art Unit 2617	Applicant KATZ, DANIEL A.	
Applicant's Reply to Mail dated 13-06-2006	Examiner Suhail Khan	Page 1 / 5	20-Jul-06

To: Mr. Suhail Khan, examiner.
Fax: +1-571-273-8300
Sir,

1. Referring to **claim 1, Katz**'s invention comprises at least one mobile relay ("communication device") which is a personal mobile device. These personal mobile devices, carried by billions of potentially passing-by mobile users, can serve as mobile relays to track roaming assets. **Twitchell** (US patent 6,934,540) does not indicate any "personal mobile device" in his invention. The closest block in Twitchell's system is "Gateway 180" ("MLG"), however, this gateway is an organic and integral part of the system, well known in the art. Twitchell does not teach that this gateway is a "**personal mobile device**" as claimed by Katz. Due to this difference, Katz's invention enables the location of low power wireless tags over a wide area, where no communication infrastructure exists (as Twitchell's MLG) except of standard cellular networks and devices.

2. It is not obvious to one of ordinary skill in the art at the time of the invention to modify Twitchell to show that its mobile location gateway can be also a passing by personal mobile device. Communication systems and designers tend to lean on dedicated and own infrastructure, specifically designed and deployed to guarantee a minimal level of quality of service. Katz's invention obtains a non conventional approach, based on mobile gateways that are not an organic part of the system, roam randomly, cannot be controlled and cannot guarantee a minimal level of quality of service.

3. Additional points that distinguish Katz's mobile relay ("communication device") from Twitchell's "MLG" and indicate the difference between these inventions in this aspect.

    a. **Location method**: Katz claims [c8] network based location methods (e.g. AoA, ToA). Twitchell does not indicate that.

    b. **Location session initiation**: Katz claims [c18] location session initiation by the relay ("communication device"). Twitchell does not indicate that.

    c. **Relay / Gateway place:** Katz does not limit where to place of the relay ("communication device'). By its nature, it may be wherever people walk or drive with their personal mobile devices, i.e. anywhere, not necessarily linked to the tag's location.
    Twitchell indicates that "Gateway 180, which is installed in shipping vehicle 184", is purposely placed by the tags that have to be located.

4. Claims 1, 25-27 were been further amended to state that "**low power**" tags are suggested for determining the geographical location of roaming objects "**over a wide area**".

Sincerely,
Daniel Katz.

Attached: a new set of claims – 10/710,379/03